

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 and (postprandial or post prandial or glycem\$10 or diabet\$10)	74	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l2 and (fat or carbohydrate or protein or cal or kcal or calorie or kilocalories)	226	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and fructose and (glucose polymer or corn syrup or corn syrup solid or rice syrup or glucose oligomer or maltose or maltitol or hydrolyzed starch)	249	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	424/439 or 514/60 or 514/866	2303	<u>L1</u>

d his ful

(FILE 'HOME' ENTERED AT 11:28:13 ON 19 JUN 2001)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISALERTS, ADISINSIGHT, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, IFIPAT, ...' ENTERED AT 11:29:25 ON 19

JUN

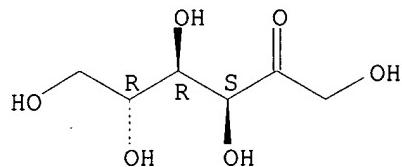
2001

D SAV  
ACT FRUGLU/L

- L1 ( 114531) SEA GLUCOSE POLYMER OR GLUCOSE POLYMERS OR CORN SYRUP OR CORN SYRUP SOLIDS OR RICE SYRUP OR GLUCOSE OLIGOMER OR GLUCOSE OLIGOMERS OR MALTPOSE OR MALTITOL OR PARTIAL? HYDROLYZED  
STARCH  
OR PARTIAL? HYDROLYZED STARCHES  
L2 ( 226274) SEA FRUCTOSE OR ARABINO 2 HEXULOSE OR METHOSE OR ARABINO-HEXULO  
-----  
L3 9145248 SEA FIBER OR ARABIC OR CMC OR CARBOXYMETHYLCELLULOSE OR GUAR OR KONJAC OR XANTH? OR ALGINATE OR GELLAN OR ACACIA OR PECTIN OR PECTINS OR CELLULOSE OR GLUCAN OR GLUCANS OR CARRAGENNAN  
OR  
PSYLLIUM OR SOY POLYSACCHARIDE OR BRAN OR INULIN OR FIBERSOL OR FRUCTOOLIGO? OR OLIGO?  
L4 16130 SEA XYLOOLIGO? OR GLUCOOLIGO? OR LACTOSE SUCROSE OR LACTO SUCROSE OR LACTOSUCROSE OR POLYDEXTROSE  
L5 11950 SEA L1 AND L2 AND L3  
L6 1988 SEA L1 AND L2 AND L4  
L7 1161 SEA L1 AND L2 AND CARRAGEENAN  
L8 12437 SEA L5 OR L6 OR L7  
L9 8552 SEA L8 AND (FAT OR FATS OR CARBOHYDRATES OR CARBOHYDRATE OR PROTEIN OR PROTEIN OR CAL OR KCAL OR CALORIE OR CALORIES OR KILOCALORIE OR KILOCALORIES)  
L10 642 SEA L9 AND (DIABET? OR POSTPRANDIAL OR POST PRANDIAL OR GLYCEM?)  
L11 627 DUP REM L10 (15 DUPLICATES REMOVED)  
L12 202 SEA L11 AND (FAT OR FATS) AND (CARBOHYDRATE OR CARBOHYDRATES) AND (PROTEIN OR PROTEINS)

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2001 ACS  
 RN 30237-26-4 REGISTRY  
 CN **Fructose (9CI)** (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN DL-Fructose  
 OTHER NAMES:  
 CN (.-)-Fructose  
 CN arabino-2-Hexulose  
 CN dl-Fructose  
 CN Methose  
 FS STEREOSEARCH  
 DR 6035-50-3  
 MF C6 H12 O6  
 CI COM  
 LC STN Files: AGRICOLA, AIDSLINE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
     BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMINFORMRX, CIN,  
     DETERM\*, DIOGENES, EMBASE, GMELIN\*, IFICDB, IFIUDB, IMSDIRECTORY,  
     MEDLINE, MRCK\*, PDLCOM\*, PIRA, PROMT, TOXLINE, TOXLIT, TULSA,  
 USPATFULL,  
     VTB  
     (\*File contains numerically searchable property data)

Relative stereochemistry.



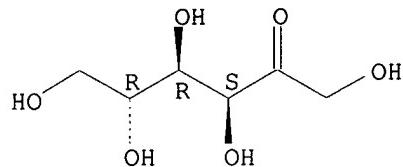
39 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 39 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d 2

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2001 ACS  
 RN 57-48-7 REGISTRY  
 CN D-Fructose (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Fructose, D- (8CI)  
 OTHER NAMES:  
 CN arabino-Hexulose  
 CN D-(-)-Fructose  
 CN D-(-)-Levulose  
 CN **Fructose**  
 CN Fruit sugar  
 CN Furucton  
 CN Hi-Fructo 970  
 CN Krystar 300  
 CN Levulose  
 CN Nevulose  
 CN Sugar, fruit

FS STEREOSEARCH  
DR 10597-68-9, 69-67-0, 3812-57-5, 196419-06-4  
MF C6 H12 O6  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABAB, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
DIOGENES, DRUGU, EMBASE, GMELIN\*, IFICDB, IFIPAT, IFIUDB, IMSDIRECTORY,  
IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
PROMT, RTECS\*, SPECINFO, TOXLINE, TOXLIT, TULSA, USAN, USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



20573 REFERENCES IN FILE CA (1967 TO DATE)  
432 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
20602 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 10 OF 23 LIFESCI COPYRIGHT 2001 CSA  
ACCESSION NUMBER: 81:44972 LIFESCI  
TITLE: Corn Sweeteners in Ham Formulas.  
AUTHOR: Hicks, C.L.; Kemp, J.D.; Holbrook, J.; Patterson, K.  
CORPORATE SOURCE: Dep. Animals Sci., Univ. Kentucky, Lexington, KY 40546,  
USA  
SOURCE: J. FOOD SCI., (1981) vol. 46, no. 5, p. 1626.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: R  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
ABSTRACT: Corn sweeteners were compared with sucrose in cure  
formulas  
for hams. Sensory evaluations found no significant  
difference between sweetener type and sensory scores on  
color, flavor, tenderness, and overall satisfaction.  
However, ham weights appeared to be affected slightly by  
sweetener type. Sucrose produced greater ham yields at a  
3%  
sweetener level. However, 55% high  
**fructose corn syrup** at 3.15%  
equalled the yield observed for sucrose. **Forty-**  
**two percent high**  
**fructose corn syrup** at greater  
than 3.3% solid level approached the yields observed for  
sucrose. Since sensory factors do not appear to be  
affected  
by corn syrup solids, only economic and yield factors need  
be considered for their use in commercially produced hams.  
CLASSIFICATION: 18123 Sensory evaluation of food; 18080 Chemistry of sapid  
materials  
UNCONTROLLED TERM: corn; sweeteners; sucrose; ham; taste panel evaluation;  
comparison; effects on